

### Abstract

An illuminated cover, a method of making such a cover, and a covered electronic device. An electroluminescent foil overlies a thin, rigid support base, and an insulating foil overlies the electroluminescent foil. A first opening allows insertion of an electrical connector for the electroluminescent foil. A second opening allows insertion of a control key of an electronic device covered by the decorative cover. The covered electronic device further includes a printed circuit board having electronic components mounted on it, including the control key. A connector extends into the first opening to connect the electroluminescent foil to circuitry on the printed circuit board so as to provide electrical power to the electroluminescent foil. A second base cooperates with the support base to enclose the electronic device. A graphic can be included between the electroluminescent foil and the insulating foil. The cover is made by a molding method.